

FIG. 1A

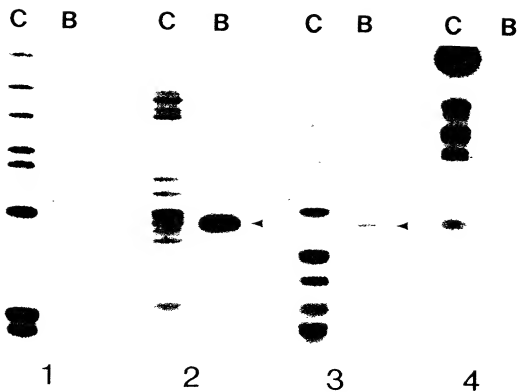


FIG. 1B

Host cell:	HeLa			BSC40		
p53:	-	+	+	-	+	+
p53 Ab:	+	+	-	+	+	-



FIG. 2A

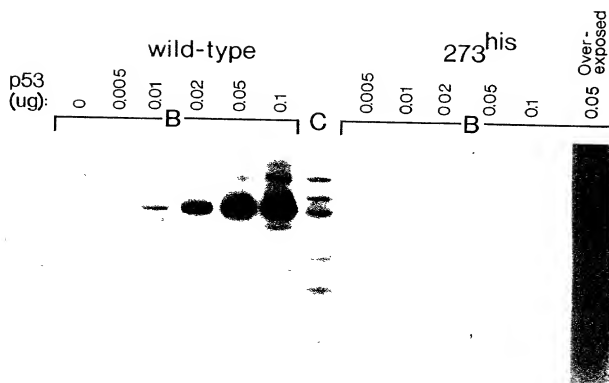


FIG. 2B

Protein source:	Vac	Vac	Vac	Bac
p53:	-	wt	175 <sup>his</sup>	wt
	B	B	C	B





FIG. 3B

← VECTOR

1 10 20 30 40 50 60 70 80 90  
 AAGCTTGATAATCATGGAGGTGAGTTTTCCAGTGTCTTCATGATAGTGACTAAGTCTCCCATGATCTGATGGTTTTTAAAGGGCA  
 TTCGAACATATTAGTACCTCCACTCAAAAGGTCACGACAAGAGTACTAGCACTGATTGAGAGGGTACTAGACTACCAAAATATTTCCCGT

100 110 120 130 140 150 160 170 180  
 GTCCCTTCTACACATGCTCTCTTGCTTGCTACCATGTGAACATGCCCTGTGCTCCTCTTTTGCCCTTCTGCCATGATTTGTGAGACCTCCCCA  
 CAGGAAGATGTGTACGAGAGCAAGCAAGATGGTACATTCTGTACGACACGAGGAGAAACGGAACGCGGTACTAACCACTCTGGAGGGGT

190 200 210 220 230  
 GCCATGTGGAACCTGTGAGTATCGAATTCCTGCAGCCCGGGGGATCCCACTAGTTCCTAGA  
 CGGTACACCTTGCACACTCATAGCTTAAGGACGATCGGGCCCCCTAGGTGATCAAGATCT

← VECTOR

**FIG. 4A**

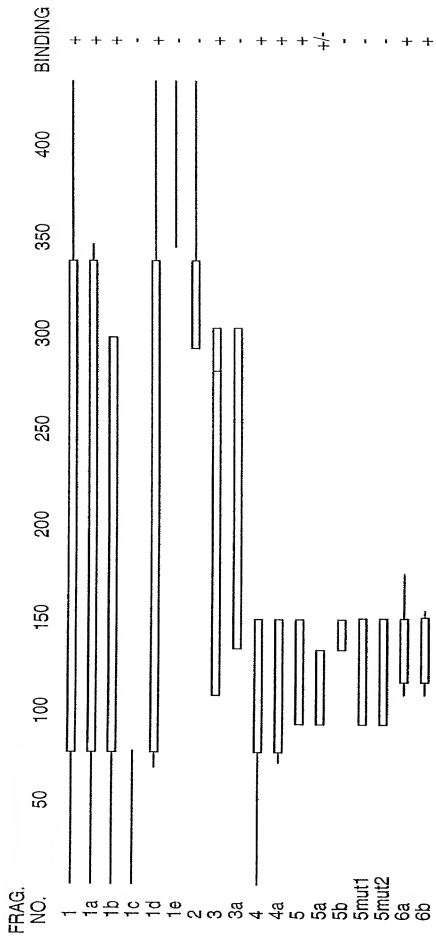


FIG. 4B

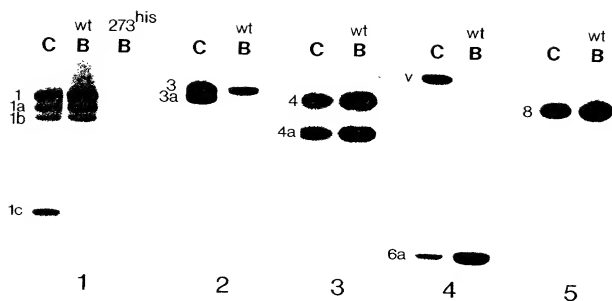


FIG. 5A

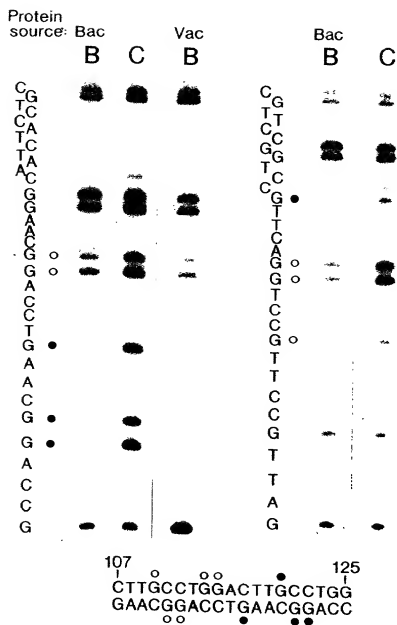
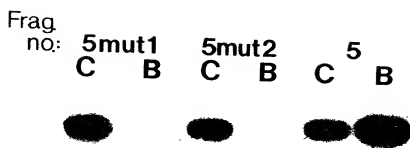


FIG. 5B





**FIG. 6**

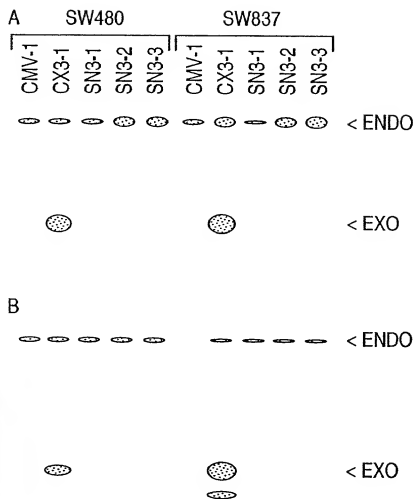


FIG. 7A

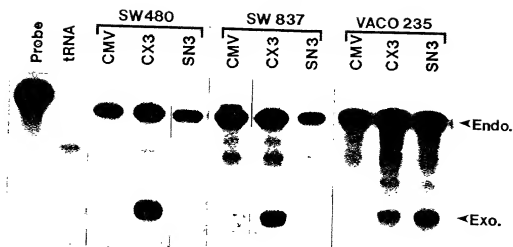
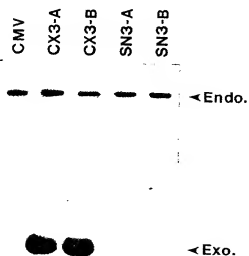


FIG. 7B



**FIG. 8A**

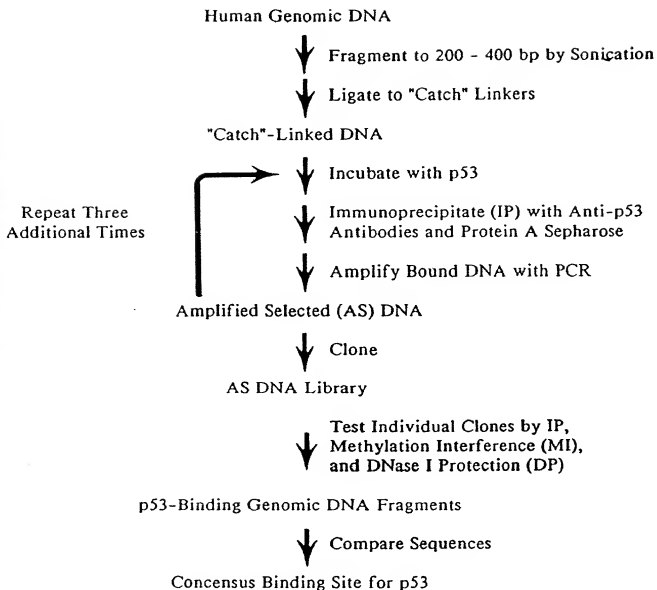
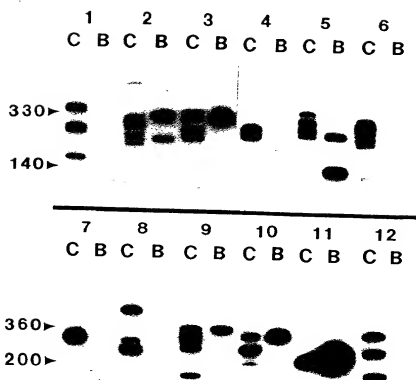
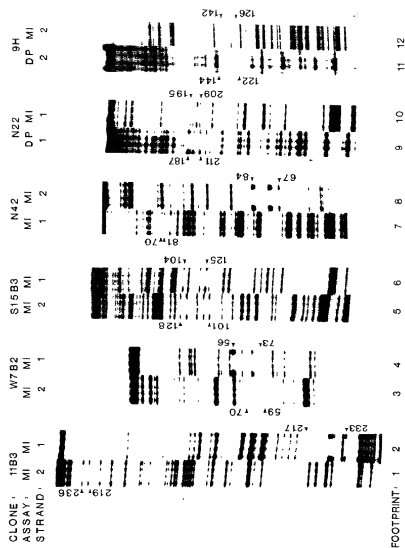


FIG. 8B



# FIG. 9



Country	Year	Population (millions)	Urban population (millions)	Urban population (%)	Population density (per sq km)	Urban population density (per sq km)
Algeria	1980	12.5	6.5	52	100	150
Algeria	1985	13.5	7.5	55	110	160
Algeria	1990	14.5	8.5	58	120	170
Algeria	1995	15.5	9.5	61	130	180
Algeria	2000	16.5	10.5	64	140	190
Algeria	2005	17.5	11.5	66	150	200
Algeria	2010	18.5	12.5	68	160	210
Algeria	2015	19.5	13.5	70	170	220
Algeria	2020	20.5	14.5	71	180	230
Algeria	2025	21.5	15.5	72	190	240
Algeria	2030	22.5	16.5	73	200	250
Algeria	2035	23.5	17.5	74	210	260
Algeria	2040	24.5	18.5	75	220	270
Algeria	2045	25.5	19.5	76	230	280
Algeria	2050	26.5	20.5	77	240	290
Algeria	2055	27.5	21.5	78	250	300
Algeria	2060	28.5	22.5	79	260	310
Algeria	2065	29.5	23.5	80	270	320
Algeria	2070	30.5	24.5	80	280	330
Algeria	2075	31.5	25.5	81	290	340
Algeria	2080	32.5	26.5	82	300	350
Algeria	2085	33.5	27.5	82	310	360
Algeria	2090	34.5	28.5	83	320	370
Algeria	2095	35.5	29.5	83	330	380
Algeria	2100	36.5	30.5	84	340	390
Algeria	2105	37.5	31.5	84	350	400
Algeria	2110	38.5	32.5	84	360	410
Algeria	2115	39.5	33.5	85	370	420
Algeria	2120	40.5	34.5	85	380	430
Algeria	2125	41.5	35.5	86	390	440
Algeria	2130	42.5	36.5	86	400	450
Algeria	2135	43.5	37.5	86	410	460
Algeria	2140	44.5	38.5	86	420	470
Algeria	2145	45.5	39.5	87	430	480
Algeria	2150	46.5	40.5	87	440	490
Algeria	2155	47.5	41.5	87	450	500
Algeria	2160	48.5	42.5	88	460	510
Algeria	2165	49.5	43.5	88	470	520
Algeria	2170	50.5	44.5	88	480	530
Algeria	2175	51.5	45.5	88	490	540
Algeria	2180	52.5	46.5	88	500	550
Algeria	2185	53.5	47.5	89	510	560
Algeria	2190	54.5	48.5	89	520	570
Algeria	2195	55.5	49.5	89	530	580
Algeria	2200	56.5	50.5	89	540	590
Algeria	2205	57.5	51.5	90	550	600
Algeria	2210	58.5	52.5	90	560	610
Algeria	2215	59.5	53.5	90	570	620
Algeria	2220	60.5	54.5	90	580	630
Algeria	2225	61.5	55.5	91	590	640
Algeria	2230	62.5	56.5	91	600	650
Algeria	2235	63.5	57.5	91	610	660
Algeria	2240	64.5	58.5	91	620	670
Algeria	2245	65.5	59.5	91	630	680
Algeria	2250	66.5	60.5	91	640	690
Algeria	2255	67.5	61.5	92		

Combined Nucleotide Usage (%) within the Two Monomers of the Consensus Binding Site:

FIG. 10

FIG. 10A	FIG. 10B
FIG. 10C	FIG. 10D

FIG. 10B

R R R C W G Y Y Y nnnnnnnnnnn 3'-bp  
 c A G C A T G a C C T a c c t g t c a c a c c g g g 194  
 A G G C A A G T C a c c t t c c a c t g g c c 227  
 A G A C T T G T C T c t c g g c c t g a a t g a 367  
 T T G C C T c a c t c g t t a t t c c t 164  
 A G G C A A G C T T c c t g t g c t a g t t c c c 91  
 t A A C A A G T C a g t a c a a g t t a t t t 99  
 c G A C g T G T T T t g t c 483  
 G G C T G T C T t g t g c t t t g t t g t t 282  
 t G A C A T G T T C c t c c c t c c c c t c 181  
 A G C A T G C a g t a c c a c g t c a g c c 173  
 G G C A T G T T C c c g t t t t g g c t a t t 49  
 G G C A g T C C t g g g g g t g g g g 248  
 G A t g T G C C C a g g c a g g c t g g a c 99  
 A t A C t G C C T a c a c t g t c t t g t t 214  
 t G A C A T G T T C a a t t a c a a t t c g a t t 143  
 t G G C c A G C C C t g g g g t c a c t g c t g c 88  
 G G C T T G T T C c t t c c t t c a g c a t 179  
 A G A C A T G T T g g g a a t g t c t t g t c 91  
 t G A C T T G T T C t t c a t c t c c t g a 157  
 G G A C T T G C C T g g c c t t g c c t t t c t 138

# FIG. 10C

	5'-	R	R	R	C	W	W
A	<u>40</u>	<u>20</u>	<u>55</u>	0	<u>53</u>	<u>15</u>	
C	13	3	3	<u>93</u>	8	0	
G	<u>23</u>	<u>70</u>	<u>40</u>	0	8	3	
T	23	5	0	5	<u>30</u>	<u>82</u>	

## Synthetic Oligonucleotides:

No.	p53 Binding	
1.	-	A G G a A T t C C T
2.	-	A G G a A T t C C T
3.	-	A G G C A T G T C T
4.	+	A G G C A T G C C T
5.	-	A G G C A A G G C a
6.	+	A G G C A T G T C T
7.	+	A G G C A T G T C T
8.	+	tgcaggaattcgat
9.	-	tgcaggaattcgat
10.	-	tgcaggaattcgat



FIG. 10D

G	Y	Y	Y	-3'
0	0	0	12	A
0	<u>50</u>	<u>68</u>	<u>35</u>	C
<u>100</u>	0	0	3	G
0	<u>50</u>	<u>30</u>	<u>48</u>	T

A G G a A T t C C T

A G G C A T G C C T

A G G C A A G G C a

A G G C A T G T C T

A G A C A T G C C T

A G G C A T G T C T

atcaagcttatcgat

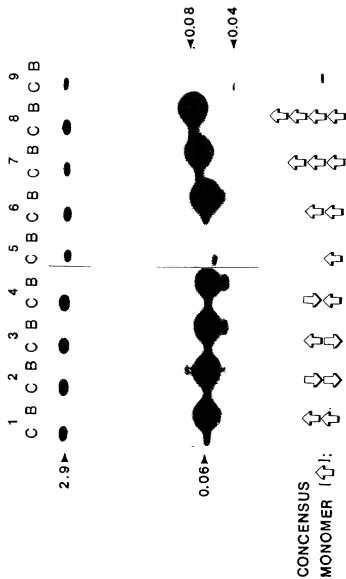
atcaagcttatcgat

atcaagcttatcgat

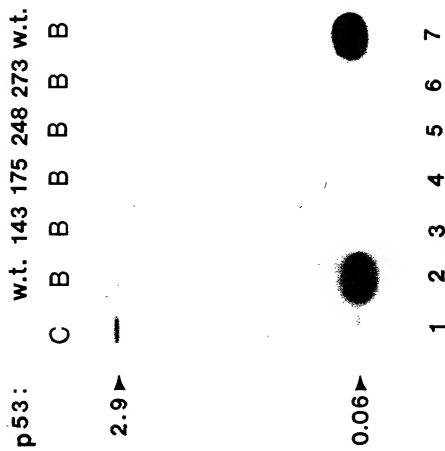
atcaagcttatcgat

atcaagcttatcgat

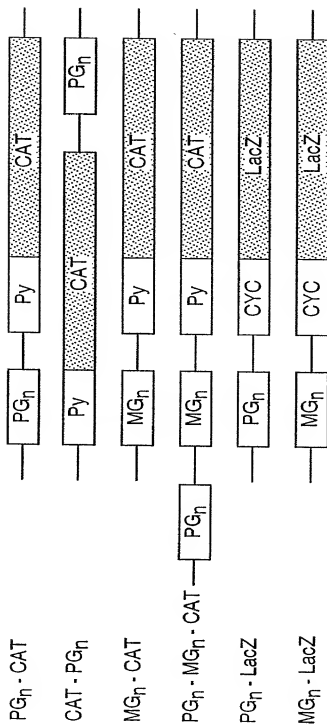
FIG. IIA



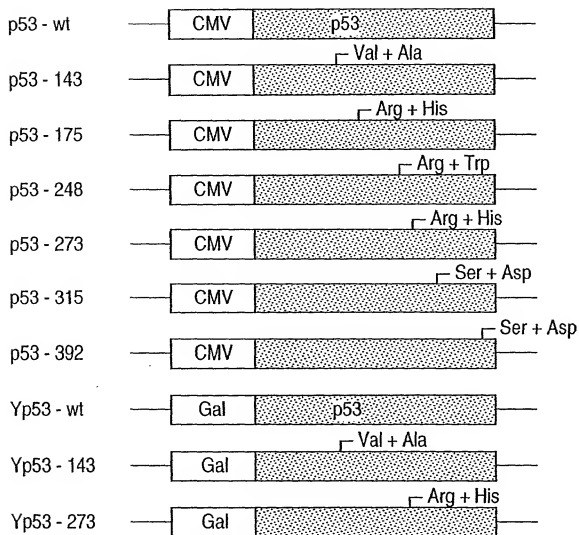
**FIG. IIB**



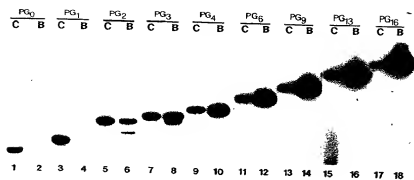
**FIG. 12A**



**FIG. 12B**



# FIG. 13A



# FIG. 13B

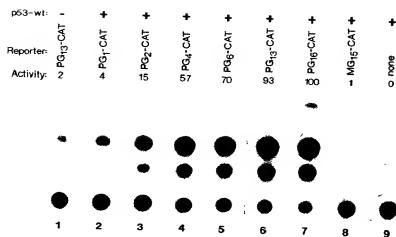
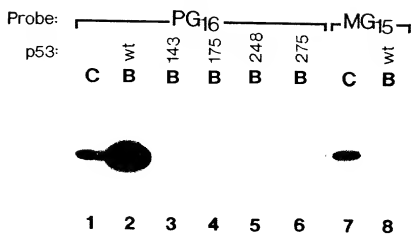
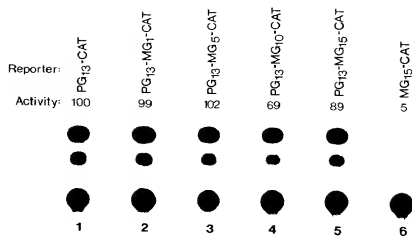


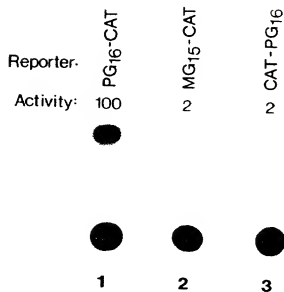
FIG. 14



# FIG. 15A

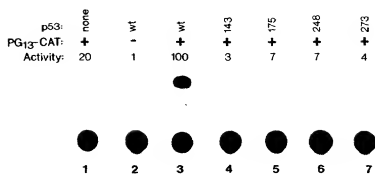


# FIG. 15B

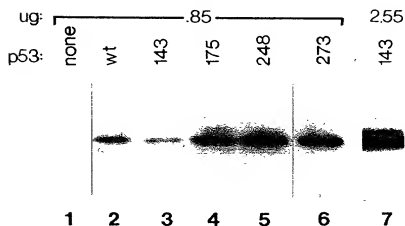




# FIG. 16A

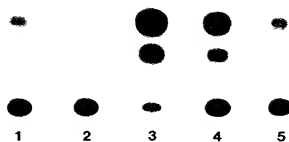


# FIG. 16B

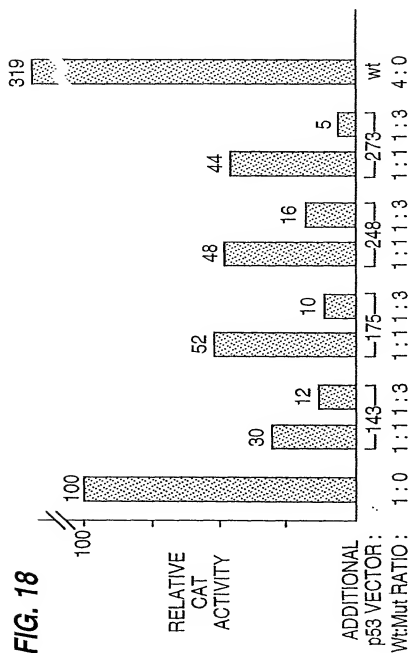


# FIG. 17

p53-wt (ug):	0	85	.85	.85	.85
p53-175 (ug):	0	0	0	.85	2.55
PG <sub>13</sub> -CAT:	+	-	+	+	+
Activity:	12	0	100	44	11



**FIG. 18**



**FIG. 19**

